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From:

Abdul Zindani

Texas Instruments Incorporated Facsimile: 972-917-4418

Phone: 972 917-5137

FEB 2 1 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Itay Lusky et al.

Docket No.: TI-33771

Serial No:

10/616,073

Art Unit: 2133

Filed:

07/09/2003

Examiner:

Mujtaba M. Chaudry

Customer No.:

23494

Conf. No.: 9943

Title:

Reduced Complexity Decoding for Trellis Coded Modulation

#### CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 571-273-8300 on the date shown below:

2-21-06 Date

### **FACSIMILE COVER SHEET**

| X FACSIMILE COV NEW APPLICATIO DECLARATION (# ASSIGNMENT (# F FORMAL DRAWN INFORMAL DRAW CONTINUATION A DIVISIONAL APP | en<br>Pages)<br>ages)<br>igs<br>/INGS<br>APP'N (# Pages) | AMENDMENT (5 Pages)  EOT (# Page)  NOTICE OF APPEAL (# Pages)  APPEAL (# Pages)  ISSUE FEE (# Pages)  REPLY BRIEF (IN TRIPLICATE) (# Pages)  X 2 <sup>nd</sup> Request for Corrected Filing Receipt |  |  |  |  |
|--|--|---|--|--|--|--|
| NAME OF INVENTOR(S):   |  | RECEIPT DATE & SERIAL NO.:  |  |  |  |  |
| Itay Lusky et al.  |  | Serial No.: 10/616,073  |  |  |  |  |
| TITLE OF INVENTION:  |  | 1   |  |  |  |  |
| Reduced Complexity Decoding for  |  |   |  |  |  |  |
| Trellis Coded Modulation   |  |   |  |  |  |  |
| TI FILE NO.:   | DEPOSIT ACCT, NO.:                                       | 1   |  |  |  |  |
| TI-33771   | 20-0668  |   |  |  |  |  |
| FAXED: 2/21/   | 2006   | 1   |  |  |  |  |
| DUE:   |  |   |  |  |  |  |
| ATTY/SEC'Y: AZ/ms  |  |   |  |  |  |  |

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> Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, TX 75265

## FEB 2 1 2006

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Reduced Complexity Decoding for Trellis Coded Modulation

## SECOND REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATION OF FAX TRANSMITTAL

I hereby certify that the above correspondence is being facsimile transmitted to the United States Patent and Trademark Office on

Dear Sir:

Attached is a copy of the first Request to Correct Filing Receipt and accompanying documentation requesting that Lior Ophir be added as the first named inventor. The original filing receipt omits the first named inventor, Lior Ophir. Applicants respectfully requests a corrected filing receipt indicating Lior Ophir as first named inventor as indicated on the attached copy of the signed Declaration.

Applicants respectfully solicit a corrected filing receipt from the United States Patent and Trademark Office and request that no fees are necessary.

Respectfully submitted,

Abdul Zindani

Attorney for Applicant

Reg. No. 46,091

Texas Instruments Incorporated P.O. Box 655474, M/S 3999 Dallas, Texas 75265 (972) 917-5137

TI Docket No TI-33771

### APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56;

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| POWER OF ATTORNEY:  | I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL<br>BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH |   |                                  |   |     |  |  |  |
|---|--|---|----------------------------------|---|-----|--|--|--|
|   | Practitioners at Customer No. 23494  |   |                                  |   |     |  |  |  |
| SEND CORRESPONDE  | P.O. Box 65<br>Dallas, TX  | 55474<br>75265<br>Tammy L. Williams   |                                  | DIRECT TELEPHONE CALLS TO:<br>Tammy L. Williams<br>(972) 917-5480<br>(972) 917-4418 Fax |     |  |  |  |
| NAME OF INVENTOR:   | (1)  | NAME OF INVENTOR:  Itay Lusky   | (2)                              | NAME OF INVENTOR:   | (3) |  |  |  |
| RESIDENCE & POST OFFIC<br>34 Neve Oved St.<br>Herzlia 46602<br>Israel | CE ADDRESS:  | RESIDENCE & POST OFFICE ADDRESS: 29 Shnat Hayovel St. Hod Hasharon 45304 Israel | RESIDENCE & POST OFFICE ADDRESS: |   |     |  |  |  |
| COUNTRY OF CITIZENSH  | IIP:   | COUNTRY OF CITIZENSHIP:  Israel   |                                  | COUNTRY OF CITIZENSHIP:   |     |  |  |  |
| SIGNATURE OF INVENTOR   |  | SIGNATURE OF INVENTOR:  |                                  | SIGNATURE OF INVENTOR:  |     |  |  |  |
| 29- June -03  |  | DATE 6- July -03  |                                  | DATE:   |     |  |  |  |

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## FEB 2 1 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENT APPLICATION

Confirmation No.: 9943

Application No.:

10/616,073

Applicant:

Lusky et al.

Filed:

07/09/2003

TC/A.U.

2661

Examiner:

TBD

Atty. Docket:

TI-33771

Customer No.:

23494

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## **REQUEST TO CORRECT FILING RECEIPT**

Sir:

Enclosed is a photocopy of the Filing Receipt (PTO-103X) received from the United States Patent and Trademark Office in the above-identified application. The filing receipt incorrectly omits the first named inventor Lior Ophir. The filing receipt should be corrected to include —Lior Ophir—.

Applicant respectfully requests a corrected Filing Receipt (form PTO-103X) that reflects the Applicants as follows -Lior Ophir, Itay Lusky-.

Applicant believes that no fee is due; however, this letter authorizes any necessary charges to Deposit Account 20-0668.

Respectfully submitted,

Texas Instruments Incorporated P. O. Box 655474, M/S 3999 Dallas, Texas 75265

Telephone: (972)917-4371

Fax: (972)917-4418

W. James Brady, III
Attorney for Applicant(s)

Reg. No. 32,080

MODE = MEMORY TRANSMISSION

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Technology Center 2661

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From:

Wade James Brady III

Texas Instruments Incorporated Facsimile: 972-917-4418 Phone: 972-917-4371

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENT APPLICATION

Confirmation No.: 9943

Application No.:

10/616.073

Applicant:

Lusky et al.

Filed: TC/A.U. 07/09/2003

Examiner:

2661 TED

Atty. Docket:

TI-33771

Customer No.:

23494

#### CERTIFICATION OF FACSIMILE TRANSMISSION

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Cindy Dees

**FACSIMILE COVER SHEET** 

X FACSIMILE COVER SHEET

AMENDMENT(# Pages)

NEW APPLICATION

EOT (# Pages)

DECLARATION (# Pages)

NOTICE OF APPEAL (# Pages)

ASSIGNMENT (2 Pages) **FORMAL DRAWINGS** 

APPEAL (# Pages)

**INFORMAL DRAWINGS** 

ISSUE FEE (# Pages) X REQUEST TO CORRECT FILING

CONTINUATION APP'N (# Pages) RECEIPT

DIVISIONAL APP'N

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## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Potent and Trademark Office Address COMMISSIONER FOR PATENTS 150 Vinginia 22313-1450

| APPL NO.   | FILING OR 371<br>(c) DATE | ART UNIT | FIL FEE REC'D | ATTY.DOCKET NO | DRAWINGS | TOT CLMS | IND CLMS |
|------------|---------------------------|----------|---------------|----------------|----------|----------|----------|
| 10/616,073 | 07/09/2003                | 2661     | 750           | TI-33771       | 5        | 18       | 2        |

**CONFIRMATION NO. 9943** 

P.06

23494 TEXAS INSTRUMENTS INCORPORATED P O BOX 655474, M/S 3999 **DALLAS, TX 75265** 

FILING RECEIPT \*OC000000010992251\*

Date Mailed: 10/07/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Itay Lusky, Hod Hasharon, ISRAEL:

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted: 10/06/2003

Projected Publication Date: 01/13/2005

Non-Publication Request: No

Early Publication Request: No

Title

Reduced complexity decoding for trellis coded modulation

**Preliminary Class** 

370

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